

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/006160

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C07C43/16 C07C41/42 C07C41/08 C07C29/82

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 9827 Derwent Publications Ltd., London, GB; Class E15, AN 1998-306099 XP002298960 & JP 10 109952 A (MARUZEN PETROCHEM) 28 April 1998 (1998-04-28) abstract	1,2,6,8
A	US 3 878 058 A (K. TANAKA) 15 April 1975 (1975-04-15) cited in the application claims; examples ----- --/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

7 October 2004

Date of mailing of the international search report

19/10/2004

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Wright, M

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/006160

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Section Ch, Week 9148 Derwent Publications Ltd., London, GB; Class E17, AN 1991-351559 XP002298961 &amp; SU 1 616 888 A (BABAKOVA) 30 December 1990 (1990-12-30) cited in the application abstract</p>	1
A	<p>WO 00/15590 A (BASF) 23 March 2000 (2000-03-23) claims; example 2</p>	1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.  
PCT/EP2004/006160

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 10109952	A	28-04-1998	NONE	
US 3878058	A	15-04-1975	JP 48080507 A CA 1004177 A1 DE 2305021 A1 FR 2170114 A1 GB 1396493 A	29-10-1973 25-01-1977 09-08-1973 14-09-1973 04-06-1975
SU 1616888	A	30-12-1990	SU 1616888 A1	30-12-1990
WO 0015590	A	23-03-2000	DE 19841552 A1 WO 0015590 A1	16-03-2000 23-03-2000